

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					August 2000		
TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Intracoastal Waterway, Brevard, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

IWW, Brevard County: Cut BV-10: from 100 feet south of green Light-29 to 100 feet north of red Light-32	Jul-2000	125	0.8	12	10.7 (1)	10.0 (1)	9.6 (1)
Cut BV-11: from 100 feet north of red Light-32 to green Light-35	Jul-2000	125	1	12	10.5 (1)	9.9 (1)	9.7 (1)
Cut BV-12: from green Light-35 to green Light-41	Jul-2000	125	3.4	12	9.9 (1)	10.4 (1)	9.7 (1)
Cut BV-13: from green Light-41 to green Light-43	Jul-2000	125	0.7	12	10.5 (1)	10.4 (1)	9.3 (1)
Cut BV-14: from green Light-43 to red Light-48	Jul-2000	125	1.7	12	9.3 (2)	10.4 (2)	9.3 (2)
Cut BV-15: from red Light-48 to green Light-55	Jul-2000	125	2.3	12	9.1 (3)	9.9 (3)	9.8 (3)
Cut BV-16: from green Light-55 to green Light-59	Jul-2000	125	1.5	12	10.6 (4)	9.8 (4)	8.8 (4)

Remarks:

1. Shoaling throughout entire channel from 100 feet south of green Light-29 of Cut BV-10 to green Light-43 of Cut BV-13.
2. Shoaling throughout entire channel from green Light-43 to 900 feet north of State Hwy 405 Bridge. Shoaling continues throughout entire channel from 1,200 feet north of green Daybeacon-47 to red Light-48.
3. Shoaling throughout entire channel from red Light-48 to 700 feet south of red Daybeacon-52. Shoaling continues throughout remainder of Cut BV-14 along the eastern and western side of channel to green Light-55.
4. Shoaling along the eastern and western quarters of channel from green Light-55 to 1,100 feet north of red Daybeacon-56. Shoaling then encompasses entire channel extending 1,900 feet south. From 1,700 feet south of red Daybeacon-56 shoaling continues along the eastern edge and western quarter of channel throughout remainder of Cut BV-16.